**WHAT IS CLAIMED IS:**

1.     1.     A method for displaying driving directions having multiple maneuvers, the
2.     method comprising:
3.           accessing maneuver information for a route from an origin to a destination; and
4.           associating an interstate shield route symbol that has substantially the same
5.     appearance as an interstate road sign and includes a road number with a maneuver of the
6.     driving directions that represents a first occurrence of a particular interstate having the
7.     road number in a list of maneuvers for the route.

1.     2.     The method of claim 1 further comprising repeating the associating until
2.     all first occurrences of particular interstates are associated with corresponding interstate
3.     shield route symbols.

1.     3.     The method of claim 1 further comprising repeating the associating until
2.     all occurrences of particular interstates are associated with corresponding interstate shield
3.     route symbols.

1.     4.     The method of claim 1 wherein associating an interstate shield route
2.     symbol comprises associating an interstate shield route symbol that has substantially the
3.     same shape as an interstate road sign.

1.     5.     The method of claim 1 wherein associating an interstate shield route
2.     symbol comprises associating an interstate shield route symbol that has substantially the
3.     same coloration as an interstate road sign.

1.     6.     The method of claim 1 further comprising associating a highway shield
2.     route symbol that has substantially the same appearance as a highway road sign and
3.     includes a road number with a maneuver of driving directions maneuver that represents a
4.     first occurrence of a particular highway having the road number in the list of maneuvers
5.     for the route.

1      7.     The method of claim 6 wherein associating a highway shield route symbol
2   comprises associating a highway shield route symbol that has substantially the same
3   shape as a highway road sign.

1      8.     The method of claim 6 wherein associating a highway shield route symbol
2   comprises associating a highway shield route symbol that has substantially the same
3   coloration as a highway road sign.

1      9.     The method of claim 6 further comprising associating a turn route symbol
2   with a maneuver based on a turn angle of the maneuver when the maneuver does not
3   represent a first occurrence of a particular interstate having a particular road number in
4   the list of maneuvers for the route and the maneuver does not represent a first occurrence
5   of a particular highway having a particular road number in the list of maneuvers.

1     10.    The method of claim 9 wherein associating the turn route symbol
2   comprises associating a slight left turn route symbol with a maneuver that includes a turn
3   angle of a slight left turn.

1     11.    The method of claim 9 wherein associating the turn route symbol
2   comprises associating a slight right turn route symbol with a maneuver that includes a
3   turn angle of a slight right turn.

1     12.    The method of claim 9 wherein associating the turn route symbol
2   comprises associating a sharp left turn route symbol with a maneuver that includes a turn
3   angle of a sharp left turn.

1     13.    The method of claim 9 wherein associating the turn route symbol
2   comprises associating a sharp right turn route symbol with a maneuver that includes a
3   turn angle of a sharp right turn.

1       14.    The method of claim 9 wherein associating the turn route symbol

2    comprises associating a merge route symbol with a maneuver that includes an angle of a

3    merge of two roads.

1       15.    The method of claim 9 wherein associating the turn route symbol

2    comprises associating an exit route symbol with a maneuver that includes a turn angle of

3    an exit from a highway or an interstate.

1       16.    The method of claim 9 wherein at most one route symbol is associated

2    with a particular maneuver.

1       17.    The method of claim 1 further comprising:

2       applying priority information to determine a route symbol type of several route

3    symbol types to be associated with a maneuver of the driving directions that does not

4    represent a first occurrence of a particular interstate; and

5       associating the route symbol type with the maneuver.

1       18.    The method of claim 1 further comprising displaying driving directions

2    including the interstate shield route symbol associated with a maneuver.

1       19.    The method of claim 18 wherein the driving directions are displayed by a

2    system provided through an Internet service provider.

1       20.    The method of claim 18 wherein the driving directions are displayed by a

2    printer associated with a client system.

1       21.    The method of claim 18 wherein the driving directions are displayed by a

2    display device associated with a client system.

1       22.    The method of claim 18 wherein the driving directions are displayed by a

2    display device associated with a vehicle on-board navigation system.

1    23.    A method for displaying driving directions having multiple maneuvers, the

2    method comprising:

3          accessing maneuver information for a route from an origin to a destination;

4          applying priority information to determine a route symbol of several route symbol

5    types to be associated with a maneuver of the driving directions; and

6          associating the route symbol with the maneuver,

7          wherein:

8          an interstate shield route symbol that has substantially the same appearance as an

9    interstate road sign and includes a road number is associated with a maneuver of the

10   driving directions that represents an occurrence of a particular interstate having the road

11   number in a list of maneuvers for the route, and

12         each maneuver in the list of maneuvers for the route is associated with at most

13   one route symbol.


1    24.    The method of claim 23 further comprising repeating the associating until

2    all first occurrences of particular interstates are associated with corresponding interstate

3    shield route symbols.


1    25.    The method of claim 23 further comprising repeating the associating until

2    all occurrences of particular interstates are associated with corresponding interstate shield

3    route symbols.


1    26.    The method of claim 23 wherein a highway shield route symbol that has

2    substantially the same appearance as a highway road sign and includes a road number is

3    associated with a second maneuver of driving directions that represents an occurrence of

4    a particular highway having the road number in the list of maneuvers for the route.


1    27.    The method of claim 23 wherein the interstate shield route symbol

2    comprises a highway shield route symbol of a country other than the United States.

1    28.    A computer-readable medium or propagated signal having embodied

2    thereon a computer program configured to display driving directions having multiple

3    maneuvers, the medium or signal comprising one or more code segments configured to:

4        access maneuver information for a route from an origin to a destination; and

5        associate an interstate shield route symbol that has substantially the same

6    appearance as an interstate road sign and includes a road number with a maneuver of the

7    driving directions that represents a first occurrence of a particular interstate having the

8    road number in a list of maneuvers for the route.


1    29.    The medium of claim 28 wherein the one or more code segments are

2    further configured to repeat the associating until all first occurrences of particular

3    interstates are associated with corresponding interstate shield route symbols.


1    30.    The medium of claim 28 wherein the one or more code segments are

2    further configured to repeat the associating until all occurrences of particular interstates

3    are associated with corresponding interstate shield route symbols.


1    31.    The medium of claim 28 wherein the one or more code segments are

2    further configured to associate a highway shield route symbol that has substantially the

3    same appearance as a highway road sign and includes a road number with a maneuver of

4    driving directions maneuver that represents a first occurrence of a particular highway

5    having the road number in the list of maneuvers for the route.


1    32.    The medium of claim 31 wherein the one or more code segments are

2    further configured to associate a turn route symbol with a maneuver based on a turn angle

3    of the maneuver when the maneuver does not represent a first occurrence of a particular

4    interstate having a particular road number in the list of maneuvers for the route and the

5    maneuver does not represent a first occurrence of a particular highway having a particular

6    road number in the list of maneuvers.

1    33.    The medium of claim 28 wherein the one or more code segments are

2    further configured to:

3    apply priority information to determine a route symbol type of several route

4    symbol types to be associated with a maneuver of the driving directions that does not

5    represent a first occurrence of a particular interstate; and

6    associate the route symbol type with the maneuver.

1    34.    The medium of claim 28 wherein the one or more code segments are

2    further configured to display driving directions including the interstate shield route

3    symbol associated with a maneuver.

1    35.    A computer-readable medium or propagated signal having embodied

2    thereon a computer program configured to display driving directions having multiple

3    maneuvers, the medium or signal comprising one or more code segments configured to:

4    access maneuver information for a route from an origin to a destination;

5    apply priority information to determine a route symbol of several route symbol

6    types to be associated with a maneuver of the driving directions; and

7    associate the route symbol with the maneuver,

8    wherein:

9    an interstate shield route symbol that has substantially the same appearance as an

10    interstate road sign and includes a road number is associated with a maneuver of the

11    driving directions that represents an occurrence of a particular interstate having the road

12    number in a list of maneuvers for the route, and

13    each maneuver in the list of maneuvers for the route is associated with at most

14    one route symbol.

1    36.    The medium of claim 35 wherein a highway shield route symbol that has

2    substantially the same appearance as a highway road sign and includes a road number is

3    associated with a second maneuver of driving directions that represents an occurrence of

4    a particular highway having the road number in the list of maneuvers for the route.

1    37.    The medium of claim 35 wherein the interstate shield route symbol

2  comprises a highway shield route symbol of a country other than the United States.


1    38.    A system for displaying driving directions having multiple maneuvers, the

2  system comprising a processor connected to a storage device and one or more

3  input/output devices, wherein the processor is configured to:

4        access maneuver information for a route from an origin to a destination; and

5        associate an interstate shield route symbol that has substantially the same

6  appearance as an interstate road sign and includes a road number with a maneuver of the

7  driving directions that represents a first occurrence of a particular interstate having the

8  road number in a list of maneuvers for the route.


1    39.    The system of claim 38 wherein the processor is further configured to

2  repeat the associating until all first occurrences of particular interstates are associated

3  with corresponding interstate shield route symbols.


1    40.    The system of claim 38 wherein the processor is further configured to

2  repeat the associating until all occurrences of particular interstates are associated with

3  corresponding interstate shield route symbols.


1    41.    The system of claim 38 wherein the processor is further configured to

2  associate a highway shield route symbol that has substantially the same appearance as a

3  highway road sign and includes a road number with a maneuver of driving directions

4  maneuver that represents a first occurrence of a particular highway having the road

5  number in the list of maneuvers for the route.


1    42.    The system of claim 41 wherein the processor is further configured to

2  associate a turn route symbol with a maneuver based on a turn angle of the maneuver

3  when the maneuver does not represent a first occurrence of a particular interstate having a

4  particular road number in the list of maneuvers for the route and the maneuver does not

5     represent a first occurrence of a particular highway having a particular road number in the

6     list of maneuvers.

1         43.     The system of claim 38 wherein the processor is further configured to:

2         apply priority information to determine a route symbol type of several route

3     symbol types to be associated with a maneuver of the driving directions that does not

4     represent a first occurrence of a particular interstate; and

5         associate the route symbol type with the maneuver.

1         44.     The system of claim 38 wherein the processor is further configured to

2     display driving directions including the interstate shield route symbol associated with a

3     maneuver.

1         45.     A system for displaying driving directions having multiple maneuvers, the

2     system comprising a processor connected to a storage device and one or more

3     input/output devices, wherein the processor is configured to:

4         access maneuver information for a route from an origin to a destination;

5         apply priority information to determine a route symbol of several route symbol

6     types to be associated with a maneuver of the driving directions; and

7         associate the route symbol with the maneuver,

8         wherein:

9         an interstate shield route symbol that has substantially the same appearance as an

10    interstate road sign and includes a road number is associated with a maneuver of the

11    driving directions that represents an occurrence of a particular interstate having the road

12    number in a list of maneuvers for the route, and

13        each maneuver in the list of maneuvers for the route is associated with at most

14    one route symbol.

1         46.     The system of claim 45 wherein a highway shield route symbol that has

2     substantially the same appearance as a highway road sign and includes a road number is

3 associated with a second maneuver of driving directions that represents an occurrence of

4 a particular highway having the road number in the list of maneuvers for the route.


1   47. The system of claim 45 wherein the interstate shield route symbol

2 comprises a highway shield route symbol of a country other than the United States.